Table 5. IOS L4s Attribute Changes.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-IOS-00010	2795	A	functional	incremental	demo	unverified			The ADSRV CI shall provide the capability for viewing Advertisements.
S-IOS-00020	2796	A	functional	incremental	demo	unverified			The ADSRV CI shall support interactive information management capabilities for authorized personnel to administer advertising data.
S-IOS-00040	2798	A	functional	incremental	demo	unverified			The ADSRV CI shall use the identification of the user on whose behalf a Service Request is issued as the basis for access control decisions.
S-IOS-00070	2800	A	functional	incremental	demo	unverified			The ADSRV CI shall provide capability for displaying Advertisements for data and services provided by non-ECS systems with which ECS is interoperable.
S-IOS-00080	2801	A	functional	incremental	demo	unverified			The ADSRV CI shall provide a capability to access Advertisements for ECS and non-ECS data and services.
S-IOS-00100	2822	A	functional	incremental	demo	unverified			The ADSRV CI shall support an administration utility for performance monitoring of database query processing.
S-IOS-00110	2823	A	functional	incremental	demo	unverified			The ADSRV CI shall support an administration utility for performance tuning.
S-IOS-00130	2825	A	functional	incremental	demo	unverified			The ADSRV CI shall support an administration utility for on-line full backup and restoration of advertising service data.
S-IOS-00140	2826	A	functional	incremental	demo	unverified			The ADSRV CI shall support an administration utility for on-line incremental backup and restoration of advertising service data.
S-IOS-00160	2828	A	functional	incremental	demo	unverified			The ADSRV CI shall support an administration utility for automatic recovery of advertising service data from system failures.
S-IOS-00170	2829	A	functional	incremental	demo	unverified			The ADSRV CI shall support a data administration utility for data import.
S-IOS-00180	2830	A	functional	incremental	demo	unverified			The ADSRV CI shall support a data administration utility for data export.
S-IOS-00230	2814	A	functional	incremental	demo	unverified			The ADSRV CI shall provide the capability to add, delete or modify individual Advertisements.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-IOS-00250	2815	A	functional	incremental	demo	<u>unverified</u>			The ADSRV CI shall support interactive information management capabilities for authorized users to renew an existing advertisement before it expires
S-IOS-00260	2816	A	functional	incremental	demo	<u>unverified</u>			The ADSRV CI shall support interactive information management capabilities for users to replace an existing advertisement with an updated version
S-IOS-00380	9217	A	functional	incremental	demo	<u>unverified</u>			The ADSRV CI shall collect management data about its own operations for support of security management.
S-IOS-00410	2835	A	functional	incremental	demo	<u>unverified</u>			The capability to add, delete, or modify individual advertising data and service listings shall be limited to authorized users.
S-IOS-00490	9640	A	interface	incremental	demo	<u>unverified</u>			The ADSRV CI shall send detected hardware and software fault information to MSS.
S-IOS-00510	9641	A	interface	incremental	demo	<u>unverified</u>			The ADSRV CI shall report Accountability Management Data (such as searches, advertisement submissions, etc.) to the MSS.
S-IOS-00516	9643	B0	functional	<u>incremental</u>	test	unverified	96-1366		The ADSRV CI shall support the MSS in collecting Accounting Management Data by supplying resource utilization data.
S-IOS-00517	10208	A	interface	incremental	demo	<u>unverified</u>			The ADSRV CI shall provide to MSS configuration information such as moderation approval time.
S-IOS-00518	9645	A	interface	<u>incremental</u>	<u>demo</u>	<u>unverified</u>			The ADSRV CI shall provide configuration management data such as software versions to MSS using managed process framework.
S-IOS-00600	2804	A	functional	incremental	demo	<u>unverified</u>			The ADSRV CI shall provide the clients with a binding to the advertisement which can be used to issue Service Requests to the selected service or use the reference to the service in a Universal Reference
S-IOS-00610	2805	A	functional	incremental	demo	<u>unverified</u>			The ADSRV CI shall find Advertisements which match text string expressions in the Service Request
S-IOS-00800	9186	A	functional	incremental	test	<u>unverified</u>			The ADSRV CI shall provide an application program interface for the submission of Service Requests.
S-IOS-00880	4915	A	function	increme	demo	<u>unverified</u>			The ADSRV CI shall allow ECS personnel to review

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
			al	ntal					submitted advertisements before those advertisements are posted for general access.
S-IOS-60110	2855	A	standards	incremental	demo	unverified			The operating system for each Unix platform in the ADSHW CI shall conform to the POSIX.2 standard.
S-IOS-60120	2856	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have the following utilities installed at a minimum: perl, emacs gzip, tar, imake, prof, gprof, nm.
S-IOS-60130	2857	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have the following POSIX.2 user Portability Utilities installed at a minimum: man, vi.
S-IOS-60140	2858	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have the following POSIX.2 Software Development Utilities installed at a minimum: make.
S-IOS-60150	2859	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have the following POSIX.2 C-Language Development Utilities installed at a minimum: lex, yacc.
S-IOS-60160	2860	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have the following Unix shells installed at a minimum: C shell Bourne shell, Korn shell.
S-IOS-60170	2861	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have on-line documentation or printed documentation for each installed tool.
S-IOS-60180	2862	A	functional	incremental	demo	unverified			The ADSHW CI POSIX.2 compliant platform shall have installed one or more development environment supporting the following languages: a. C b. FORTRAN-77
S-IOS-60190	2863	A	functional	incremental	demo	unverified			Each development environment associated with the POSIX.2 compliant platform in the ADSHW CI shall have the capability to compile and link strictly conforman POSIX-compliant source code.
S-IOS-60195	2864	A	functional	incremental	demo	unverified			Each development environment associated with the POSIX.2 compliant platform in the ADSHW CI shall

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									have an interactive source level debugger for ECS supported languages.